Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 23 Oct 2023 until 23:59 on Tuesday 24 Oct 2023

Forecast Issued on Monday 23 Oct 2023 at 00:49

Confidence: High confidence for a largely dry day on Monday before generally wet and unsettled conditions become established for the rest of the coming week. Lower confidence on the detail and timing of various areas of rain or bands of showers.

Headline for Monday 23 Oct 2023: Morning fog and low cloud should largely clear to leave brighter conditions. Cloud thickening and lowering later with rain overnight. Becoming breezy.

Mountain weather hazards on Monday 23 Oct 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG				FOG	FOG
Fog	Cloudy	Sunny intervals	Dull	Fog	Fog
Precipitation probability					
<05%	<05%	<05%	<05%	10%	20%

Forecast for Monday 23 Oct 2023

Weather: Fine start, particularly across the western Dales with variable cloud. Valley fog will gradually lift and clear through the morning with low cloud on some eastern upslopes slower to clear. Generally dry conditions during daylight hours. However, cloud will thicken and lower from the south through the late afternoon and evening, with outbreaks of showery rain arriving around midnight. Freshening winds at height.

Chance of cloud-free hill tops above 600m: 30% through the morning but improving to 80% or more by afternoon. Decreasing again from the south to around 30% by midnight, mainly in the west.

Low Cloud and visibility: Valley fog and low cloud will gradually lift and disperse to leave most summits cloud free. Low cloud may persist across east-facing peaks into the early afternoon, perhaps shrouding routes above 500m throughout. Through the late afternoon and evening cloud is likely to thicken and lower from the south, extensively covering summits above around 500m. Poor or very poor visibility in any fog, becoming good to very good outside of cloud. Moderate to poor in any late rain.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Monday 23 Oct 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/12 E	8/14 E	13/19 SE	14/20 E	15/23 E	14/22 E	14/22 E
300	5/11 E	7/16 E	9/19 SE	9/20 E	9/21 E	9/21 E	9/20 E
Valley	6/14 E	8/17 E	10/20 E	10/21 E	11/24 E	9/22 E	9/21 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/2	6/3	7/4	7/4	7/3	7/3	7/3
300	5/3	8/6	10/8	10/8	9/7	9/6	9/6
Valley	7/5	10/8	12/10	12/10	10/8	10/8	10/8
Freezing Level*	1600m	1600m	1700m	1700m	1700m	1600m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

The recent heavy rainfall may continue to have an effect on walking conditions, with saturated ground likely in places and some smaller watercourses possibly in spate. Poor visibility and hill fog will make for challenging navigation at times.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 23 Oct 2023	0.2mm	1mm	29.2mm

Forecast for Tuesday 24 Oct 2023

Weather: Outbreaks of rain, some moderate to heavy at times, will spread across the region Tuesday morning, particularly affecting eastern facing slopes. Meanwhile, a line of showers is expected to push northwards across the park from mid-morning, perhaps merging with the area of rain further north to give some more intense and slow-moving downpours. Becoming mostly dry by the evening as rain clears from the west, but remaining cloudy.

Maximum wind: Northeast 20-25mph at first gusting 30mph, becoming north 10-15mph in the evening.

Chance of cloud-free hill tops above 600m: 20% initially, improving to 60% later. Perhaps 80% by midnight.

Low Cloud and visibility: Rather extensive areas of cloud above 300-400m at first, particularly affecting eastern upslopes although some lower bases in heavy downpours. This may lift a little during the afternoon to around 600m although cloud may persist across higher summits into the evening. Visibility outside of cloud will be moderate in rain and poor in heavier downpours. Visibility becoming good as rain clears. Fog patches may form in valleys by evening.

Temperature: **Valleys:** Plus 8 degrees Celsius rising to Plus 11 degrees Celsius.
At 600m: Plus 6 degrees Celsius.
Freezing level: Above summits.

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